

Agriculture, Food and Natural Resources



Agriculture, Food & Natural Resources
Utah Career and Technical Education
CAREER CLUSTERS



Agricultural Production Systems



Agricultural Production Systems
CAREER PATHWAY
Agriculture, Food & Natural Resources
CAREER CLUSTER

Agricultural Production Systems

To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.

Explorer Courses

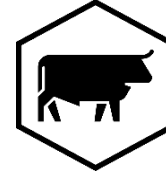
- o Agricultural Science 1A/B (1.0)
- o Bio-Agricultural Science A/B (1.0)
- o Business Communication 1 (.5)
- o Business Communication 2 (.5)

Concentrator Courses

Completer Courses

- o CTE Internship (.5)

Animal & Veterinary Science



Animal & Veterinary Science
CAREER PATHWAY
Agriculture, Food & Natural Resources
CAREER CLUSTER

Animal & Veterinary Science

To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.

Explorer Courses

- o Agricultural Science 1A/B (1.0)
- o Animal Science 1A/B (1.0)
- o Bio-Agricultural Science A/B (1.0)
- o Business Communication 1 (.5)
- o Business Communication 2 (.5)
- o Equine Science 1 (.5)
- o Veterinary Assistant 1 (1.0)

Concentrator Courses

Completer Courses

- o CTE Internship (.5)

Plant Science



Plant Science
CAREER PATHWAY
Agriculture, Food & Natural Resources
CAREER CLUSTER

Plant Science

To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.

Explorer Courses

- o Agricultural Science 1 A/B (1.0)
- o Bio-Agricultural Science A/B (1.0)
- o Business Communication 1 (.5)
- o Business Communication 2 (.5)
- o Plant & Soil Science A/B (1.0)

Concentrator Courses

- o Floriculture (.5)

Completer Courses

- o Greenhouse Management (.5)
- o Landscape Management (.5)
- o CTE Internship (.5)

Agriculture, Food and Natural Resources



Agriculture, Food & Natural Resources
Utah Career and Technical Education
CAREER CLUSTERS



Food Science, Dietetics & Nutrition





Food Science, Dietetics & Nutrition
CAREER PATHWAY
Agriculture, Food & Natural Resources
CAREER CLUSTER

Food Science, Dietetics & Nutrition

To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.

Explorer Courses

- o Food and Nutrition 1 (.5)
- o Human Development (.5) 
- o Med. Anatomy & Physiology A/B (1.0) 

Concentrator Courses

- o Food & Nutrition 2 (.5)

Completer Courses

- o CTE Internship (.5)

Natural Resource Science



Natural Resource Science
CAREER PATHWAY
Agriculture, Food & Natural Resources
CAREER CLUSTER

Natural Resource Science

To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.

Explorer Courses

- o Agricultural Science 1A/B (1.0)
- o Biology-Agricultural Science A/B (1.0)
- o Business Communication 1 (.5)
- o Business Communication 2 (.5)
- o Natural Resource Science 1 (.5)

Concentrator Courses

- o Natural Resource Science 2 (.5)

Completer Courses

- o CTE Internship (.5)

Architecture & Construction



Architecture & Construction
Utah Career and Technical Education
CAREER CLUSTERS



Architectural Design (CAD)



Architectural Design (CAD)
CAREER PATHWAY
Architecture & Construction
CAREER CLUSTER

Architectural Design (CAD)

To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.

Explorer Courses

- o CAD Architectural Design 1 (.5)
- o Carpentry 1 (1.0)
- o Construction Technology (.5)

Concentrator Courses

- o CAD Architectural Design 2 (.5)

Completer Courses

- o CAD Architectural Design 3 (.5)
- o CTE Internship (.5)

Construction & Structural Systems



Construction & Structural Systems
CAREER PATHWAY
Architecture & Construction
CAREER CLUSTER

Construction & Structural Systems

To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.

Explorer Courses

- o Construction Technology (.5)
- o Woods 1 (.5)

Concentrator Courses

- o Carpentry 1 (1.0)

Completer Courses

- o Carpentry 2 (1.0)
- o CTE Internship (.5)

Interior Design



Interior Design
CAREER PATHWAY
Architecture & Construction
CAREER CLUSTER

Interior Design

To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.

Explorer Courses

- o Business Communication 1 (.5)
- o CAD Architectural Design 1 (.5)
- o Digital Graphic Arts Intro (.5)
- o Interior Design 1 (.5)
- o Marketing 1 (.5)

Concentrator Courses

- o Interior Design 2 (.5)

Completer Courses

- o CTE Internship (.5)
- o Sewing Construction and Textiles 3 (.5)

Arts, Audio/Visual Technology & Communications



Arts, Audio/Visual
Technology & Communications
Utah Career and Technical Education
CAREER CLUSTERS



Broadcasting & Digital Media



Broadcasting & Digital Media
CAREER PATHWAY
Arts, Audio/Visual Technology & Communications
CAREER CLUSTER

Broadcasting & Digital Media:

To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.

Explorer Courses

- o 3D Graphics (.5)
- o 3D Animation (.5)
- o Augmented & Virtual Reality (.5)
- o Computer Science Principles 1 (1.0)
- o Computer Programming 1 A/B(1.0)
- o Digital Graphics Arts Intro (.5)
- o Digital Print Design (.5)
- o Game Development Fundamentals 1 (.5)
- o Screen Printing Technology (.5)
- o Web Development 1 (.5)

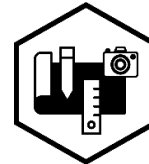
Concentrator Courses

- o Digital Media 1 (.5)
- o TV Broadcasting 1 (.5)
- o Sports & Entertainment Marketing (.5)

Completer Courses

- o Digital Media 2 (.5)
- o CTE Internship (.5)

Graphic Design & Communication



Graphic Design & Communication
CAREER PATHWAY
Arts, Audio/Visual Technology & Communications
CAREER CLUSTER

Graphic Design & Communication:

To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.

Explorer Courses

- o Commercial Art 1A/B (1.0)
- o Digital Graphics Arts Intro (.5)
- o Digital Print Design (.5)
- o Screen Printing Technology (.5)

Concentrator Courses

- o Commercial Art 2 (.5)
- o Commercial Art 4A-C (Year Book) (.5)
- o Commercial Photography 1 (.5)
- o Production Graphics 1 (.5)

Completer Courses

- o Commercial Photography 2 (.5)
- o CTE Internship (.5)
- o Production Graphics 2 (.5)

Business, Finance & Marketing



Business, Finance & Marketing
Utah Career and Technical Education
CAREER CLUSTERS



Accounting & Finance



Accounting & Finance
CAREER PATHWAY
Business, Finance & Marketing
CAREER CLUSTER


Accounting & Finance:

To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.

Explorer Courses

- o Accounting 1 (.5)
- o Business Communication 1 (.5)
- o Business Communication 2 (.5)
- o Economics-Business (.5)
- o Entrepreneurship (.5)
- o Marketing 1 (.5)
- o Sports & Entertainment Marketing (.5)
- o Web Development (.5)

Concentrator Courses

- o Accounting 2 (.5)
- o Advanced Accounting (.5) 

Completer Courses

- o CTE Internship (.5)

Business Administration



Business Administration
CAREER PATHWAY
Business, Finance & Marketing
CAREER CLUSTER

Business Administration:

To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.

Explorer Courses

- o Accounting 1 (.5)
- o Business Communication 1 (.5)
- o Business Communication 2 (.5)
- o Digital Graphics Arts Intro (.5)
- o Economics-Business (.5)
- o Entrepreneurship (.5)
- o Marketing 1 (.5)
- o Sports & Entertainment Marketing (.5)
- o Web Development (.5)

Concentrator Courses

- o Business Management (.5)

Completer Courses

- o CTE Internship (.5)

Business Information Management



Business Information Management
CAREER PATHWAY
Business, Finance & Marketing
CAREER CLUSTER

Business Information Management :

To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.

Explorer Courses

- o Accounting 1 (.5)
- o Business Communication 1 (.5)
- o Business Communication 2 (.5)
- o Digital Graphics Arts Intro (.5)
- o Economics-Business (.5)
- o Entrepreneurship (.5)
- o Web Development (.5)

Concentrator Courses

- o Business Office Specialist (.5)

Completer Courses

- o CTE Internship (.5)

Marketing



Marketing
CAREER PATHWAY
Business, Finance & Marketing
CAREER CLUSTER

Marketing

To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.

Explorer Courses

- o Accounting 1 (.5)
- o Business Communication 1 (.5)
- o Business Communication 2 (.5)
- o Digital Graphics Arts Intro (.5)
- o Economics-Business (.5)
- o Entrepreneurship (.5)
- o Marketing 1 (.5)
- o Sports & Entertainment Marketing (.5)
- o Web Development (.5)

Concentrator Courses

- o Digital Marketing (.5)

Completer Courses

- o CTE Internship (.5)

Computer Science & Information Technology



Computer Science & Information Technology
Utah Career and Technical Education
CAREER CLUSTERS



Programming & Software Development



**Programming & Software Development
CAREER PATHWAY**
Computer Science & Information Technology
CAREER CLUSTER

Programming & Software Development

To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.

Explorer Courses

- o AP Computer Science Principles (.5)
- o Computer Programming 1A/B (1.0)
- o Exploring Computer Science (.5)
- o Game Development Fundamentals 1 (.5)
- o Robotics 1 (.5)

Concentrator Courses

- o Computer Programming 2A/B (1.0)
- o Game Development Fundamentals 2 (.5)

Completer Courses

- o CTE Internship (.5)

Information Technology Systems



**Business Information Management
CAREER PATHWAY**
Business, Finance & Marketing
CAREER CLUSTER

Information Technology Systems

To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.

Explorer Courses

- o Computer Programming 1 (1.0)
- o Computer Science Principles 1 (.5)
- o Exploring Computer Science (.5)
- o Robotics 1 (.5)

Concentrator Courses

- o Geo Info Systems, Intro (.5)

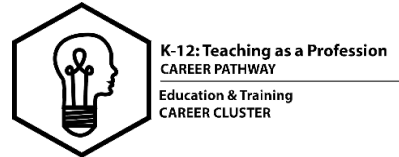
Completer Courses

- o Geo Info Systems Remote Sensing (.5)
- o CTE Internship (.5)

Education & Training






K-12: Teaching as a Profession



K-12: Teaching as a Profession
To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.

Explorer Courses

- o Business Communication I (.5)
- o English 1010 (.5) 
- o Human Development (.5) 
- o Math 1050 (.5) 
- o Teaching as a Profession 1 (.5)
- o Early Childhood Education (.5)

Concentrator Courses

- o Teaching as a Profession 2 (.5)

Completer Courses

- o Teaching as a Profession 3 (.5)
- o CTE Internship (.5)

Human Services





Behavioral Health & Social Services



Behavioral Health & Social Services
To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.

Explorer Courses

- o Behavioral Health, Intro (.5)
- o Health Science, Intro (.5) 
- o Human Development (.5) 

Concentrator Courses

- Personal & Family Finance (.5) (GradPoint)

Completer Courses

- o CTE Internship (.5)

Engineering & Technology



Engineering & Technology
Utah Career and Technical Education
CAREER CLUSTERS



Engineering






Engineering
CAREER PATHWAY
Engineering & Technology
CAREER CLUSTER

Engineering:

To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.

Explorer Courses

- o CAD Architectural Design 1 (.5) 
- o CAD Mechanical Design 1 (.5) 
- o Electronics 1 (.5)
- o Engineering Principles 1 (.5)
- o Engineering Technology (.5)
- o Manufacturing Principles 1 (.5)
- o Robotics 1 (.5)
- o Welding Technician, Entry Level (.5) 
- o Woods 1(.5)

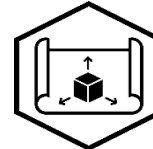
Concentrator Courses

- o Engineering Principles 2 (.5)
- o Robotics 2 (.5)

Completer Courses

- o CTE Internship (.5)
- o Engineering Capstone A/B (1.0)

Mechanical Design (CAD)



Mechanical Design (CAD)
CAREER PATHWAY
Engineering & Technology
CAREER CLUSTER

Mechanical Design (CAD)

To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.

Explorer Courses

- o CAD Mechanical Design 1 (.5) 
- o Engineering Technology (.5)
- o Welding Technician, Entry Level (1.0) 
- o Woods 1(.5) 

Concentrator Courses

- o CAD Mechanical Design 2 (.5) 

Completer Courses

- o CTE Internship (.5)

Health Science



Health Science
Utah Career and Technical Education
CAREER CLUSTERS



**Health Science
CAREER PATHWAY**
Health Science CAREER CLUSTER





Health Science

To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.

Explorer Courses

- o Health Science Intro (.5) 
- o Human Development (.5) 
- o Med. Anatomy & Physiology A/B (1.0) 
- o Medical Math (.5) 
- o Medical Terminology (.5) 

Concentrator Courses

- o Emergency Med Responder (.5) 
- o Exercise Science/Sports Med A/B (1.0) 
- o Nurse Assistant A/B (CNA) (.5) 
- o Surgical Technician (1.0) 
- o Pharmacy Technician (1.0) 

Completer Courses

- o CTE Internship (.5)



Health Science



Human Services
Utah Career and Technical Education
CAREER CLUSTERS



Human Services

Behavioral Health & Social Services





**Behavioral Health & Social Services
CAREER PATHWAY**
Human Services CAREER CLUSTER

Behavioral Health & Social Services

To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.

Explorer Courses

- o Behavioral Health, Intro (.5)
- o Health Science, Intro (.5) 
- o Human Development (.5) 

Concentrator Courses

- Personal & Family Finance (.5) (GradPoint)

Completer Courses

- o CTE Internship (.5)

Hospitality & Tourism



Hospitality & Tourism
Utah Career and Technical Education
CAREER CLUSTERS



Hospitality & Tourism



**Hospitality & Tourism
CAREER PATHWAY**
Hospitality & Tourism
CAREER CLUSTER

Hospitality & Tourism:

To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.

Explorer Courses

- o Accounting 1 (.5)
- o Business Communication 1 (.5)
- o Culinary 1A/B (1.0)
- o Digital Graphics Arts Intro (.5)
- o Economics-Business (.5)
- o Entrepreneurship (.5)
- o Marketing 1 (.5)
- o Web Development 1 (.5)

Concentrator Courses

- o Hospitality & Tourism (.5)

Completer Courses

- o CTE Internship (.5)

Human Services



Human Services

Utah Career and Technical Education
CAREER CLUSTERS



Behavioral Health & Social Services





Behavioral Health & Social Services
CAREER PATHWAY
Human Services CAREER CLUSTER

Behavioral Health & Social Services

To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.

Explorer Courses

- o Behavioral Health, Intro (.5)
- o Health Science, Intro (.5) 
- o Human Development (.5) 

Concentrator Courses

Personal & Family Finance (.5) (GradPoint)

Completer Courses

- o CTE Internship (.5)

Manufacturing



Manufacturing
Utah Career and Technical Education
CAREER CLUSTERS



CTE
Learning that works
for Utah

Manufacturing & Production



**Manufacturing & Production
CAREER PATHWAY**
Manufacturing CAREER CLUSTER


Manufacturing & Production:

To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.


Explorer Courses

- o CAD Mechanical Design 1 (.5) 
- o Manufacturing Principles 1 (.5)
- o Woods 1 (.5) 

Concentrator Courses

- o Woods 2 (.5) 

Completer Courses

- o Woods 3 (.5) 
- o CTE Internship (.5)

Welding & Machining



**Welding & Machining
CAREER PATHWAY**
Manufacturing CAREER CLUSTER


Welding & Machining

To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.


Explorer Courses

- o Welding Tech, Entry Level (1.0) 

Concentrator Courses

- o Welding Tech, Intermediate Level (1.0) 

Completer Courses

- o Welding Tech, Advanced Level (1.0) 
- o CTE Internship (.5)

Transportation, Distribution & Logistics



Transportation, Distribution & Logistics
Utah Career and Technical Education
CAREER CLUSTERS



Auto Mechanics & Repairs



Auto Mechanics & Repairs
CAREER PATHWAY
Transportation, Distribution & Logistics
CAREER CLUSTER

Auto Mechanics & Repairs:

To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.

Explorer Courses

- o Automotive, Intro (.5)
- o Electronics 1 (.5)
- o Welding Technician, Entry Level (1.0)

Concentrator Courses

- o ASE MLR (.5) (Take multiple times)

Completer Courses

- o ASE MLR (.5) (Take multiple times)
- o CTE Internship (.5)

Diesel



Diesel
CAREER PATHWAY
Transportation, Distribution & Logistics
CAREER CLUSTER

Diesel:

To be a completer you must pass a concentrator or completer course and enough courses to equal 3.0 credits in this pathway.

Explorer Courses

- o Automotive, Intro (.5)
- o Electronics 1 (.5)
- o Welding Technician, Entry Level (1.0)

Concentrator Courses

- o Diesel 1 (.5)

Completer Courses

- o CTE Internship (.5)

